

REQUEST FOR COUNCIL ACTION

SUBJECT: 7000 South Utility Design from the Jordan River to Constitution Park

SUMMARY: Approve an agreement with Stanley Consultants, Inc. to complete preliminary and final design plans for the 7000 South Utility Design from the Jordan River to Constitution Park an amount not to exceed \$148,185.00.

FISCAL

IMPACT: The funds for this project are available in the Storm Drain Capital Account.

STAFF RECOMMENDATION:

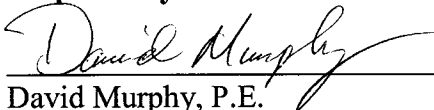
Staff recommends approval of the agreement with Stanley Consultants, Inc. to complete preliminary and final design plans for the 7000 South Utility Design from the Jordan River to Constitution Park an amount not to exceed \$148,185.00.

MOTION RECOMMENDED:

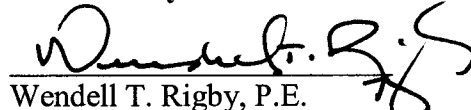
"I move to adopt Resolution No. 15-11 authorizing the Mayor to execute an agreement with Stanley Consultants, Inc. to complete preliminary and final design plans for the 7000 South Utility Design from the Jordan River to Constitution Park an amount not to exceed \$148,185.00.

Roll Call vote required

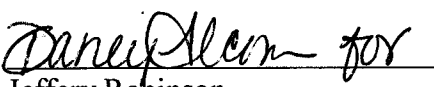
Prepared by:


David Murphy, P.E.
Capital Projects Manager

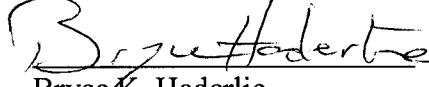
Reviewed by:


Wendell T. Rigby, P.E.
Director of Public Works

Reviewed as to Legal Sufficiency:


Jeffery Robinson
City Attorney

Recommended by:


Bryce K. Haderlie
Interim City Manager

BACKGROUND DISCUSSION:

This project involves completing a 30% design for three different utility systems that are on the current City master plans: Storm Drainage, Culinary Water, and Sanitary Sewer. All three of these systems will be affected by the proposed and master planned storm drain trunk line. Also, master plans for Transportation, Culinary Water, and Storm Drainage are in various stages of completion now, and will have input into this design. Lastly, a specific corridor study is under way for 7000 South from 1300 West to Bangerter Highway to address potential right of way impacts for the future street widening as called for in the current transportation master plan. All of this information will have bearing on the current design effort, and will be part of the design considerations.

The City distributed the request for proposal to 14 firms qualified on the City's Statement of Qualification list. Six firms submitted proposal and were evaluated on technical expertise, project team, experience, project understanding, schedule, scope to deliver the project, cost, and other factors. Two firms were removed from consideration; Bowen Collins and Associates was due an incomplete proposal and Ensign was considered unresponsive by not including estimated hours to complete the work. Of the four firms remaining, Stanley Consultants, Inc., is the highest qualifying firm.

Attachments:

- Resolution
- Agreement
- Evaluation Form

THE CITY OF WEST JORDAN, UTAH
A Municipal Corporation

RESOLUTION NO. 15-11

**A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE AN AGREEMENT
BETWEEN THE CITY OF WEST JORDAN AND STANLEY CONSULTANTS, INC.**

Whereas, the City Council of the City of West Jordan has received proposals for preliminary and final design plans for the 7000 South Utility Design from the Jordan River to Constitution Park project with the low, responsible bid being from Stanley Consultants, Inc. in the amount of \$148,185.00; and

Whereas, the City Council desires to award the contract to Stanley Consultants, Inc. which award shall not be binding upon the City of West Jordan unless and until the contract is fully executed by the parties; and

Whereas, the proposed contract between the City of West Jordan and Stanley Consultants, Inc. (a copy of which is attached as **Exhibit A**) for the 7000 South Utility Design from the Jordan River to Constitution Park has been reviewed; and

Whereas, the City Council of the City of West Jordan has determined that the attached contract with Stanley Consultants, Inc. for the 7000 South Utility Design from the Jordan River to Constitution Park is acceptable for an amount not to exceed \$148,185.00.

NOW, THEREFORE, IT IS RESOLVED BY THE CITY COUNCIL OF WEST JORDAN, UTAH:

- Section 1. The agreement for the for the 7000 South Utility Design from the Jordan River to Constitution Park is hereby awarded to Stanley Consultants, Inc. which award shall not be binding upon the City of West Jordan until the contract is fully executed by the parties.
- Section 2. After approval as to legal form by the City Attorney, the Mayor is hereby authorized to execute an Agreement between the City of West Jordan and Stanley Consultants, Inc. in the amount of \$148,185.00; and
- Section 3. This Resolution shall take effect immediately.

Adopted by the City Council of West Jordan, Utah, this 28th day of January 2015.

Kim V. Rolfe
Mayor

ATTEST:

MELANIE S. BRIGGS
City Recorder

RESOLUTION NO. 15-11

**A RESOLUTION AUTHORIZING THE MAYOR TO EXECUTE AN AGREEMENT
BETWEEN THE CITY OF WEST JORDAN AND STANLEY CONSULTANTS, INC.**

Voting by the City Council

"AYE"

"NAY"

Jeff Haaga

Judy Hansen

Chris McConnehey

Chad Nichols

Ben Southworth

Justin D. Stoker

Mayor Kim V. Rolfe

Proposal Review

Project:

7000 South Utility Design from the Jordan River to Constitution Park

Review Team:

Roger P., David M., Greg D.

Review Date Deadline:

12-Jan-15 9:00 a.m.

Rating Weights (% of total weighted percentage)(example, if weighted % =15%, possible points = 15)

(score each proposal area up to percentage weight: ie., between 1-15 pts, 0-5 Fair, 6-10 Good,

and 11-15 Exceptional) Costs shall be evaluated together as a group.

Consultant	Weighted %	PEC	Stanley	Hansen Allen & Luce	Bowen Collins & Assoc	Epic Engineering	Ensign
Experience, qualifications, availability, location	15	13.33	14.33	12.00	10.00	10.67	9.33
Demonstrated understanding of the project	20	10.00	15.67	14.00	10.33	13.33	12.33
Scope of work and schedule to deliver the desired end product	20	7.00	18.33	9.00	15.00	13.67	10.00
Related project experience and samples	15	9.33	12.67	9.33	12.33	8.33	11.00
Cost	30	21.40	22.07	21.73		30.00	
TOTAL SCORE	100	61.07	83.07	66.06	Incomplete	76.00	Non-Responsive
Total Expenses		\$152,783.00	\$148,185.00	\$150,489.52	\$70,000.00	\$108,992.50	\$187,521.00
Total Hours		1784	1194	1167	488	1044.5	No hours
RANK							
Cost Rating (\$/hour average)		\$85.64	\$124.11	\$128.95	\$143.44	\$104.35	

AGREEMENT FOR PROFESSIONAL SERVICES

**City of West Jordan
7000 South Utility Design
From
The Jordan River to Constitution Park**

THIS AGREEMENT, made this 28th day of January 2015 between the City of West Jordan, a municipal corporation (hereinafter referred to as "City"), and Stanley Consultants, Inc. (hereinafter referred to as "Consultant").

WHEREAS, the City desires to obtain engineering services from Consultant, and Consultant desires to provide these services to City. City and Consultant, therefore, agree as follows:

1. **RETENTION AS CONSULTANT.** City hereby retains Consultant, and Consultant hereby accepts such engagement, to perform the services described in Paragraph 2 herein. Consultant warrants it has the qualifications, experience and facilities to properly perform these services.

2. **DESCRIPTION OF SERVICES.** The services to be performed by Consultant shall be as follows:

(1) See attached Request for Proposal and Stanley Consultants, Inc. submitted Proposal. (Exhibit A)

The above services shall be performed in accordance with the City's Request for Proposal inclusive of the Consultant's Proposal dated December 18, 2014 which are incorporated herein by this reference. The Proposal is more fully set forth in Exhibit A which is attached to this Agreement.

3. **COMPENSATION AND PAYMENT.** Except for authorized extra services (pursuant to Paragraph 4), if any, the total compensation payable to Consultant by City for the services described in Paragraph 2 shall not exceed the sum of \$148,185.00.

All payments shall be made within thirty (30) calendar days after the Consultant has provided the City with written verification of the actual compensation earned, which written verification shall be in a form satisfactory to the City. Invoices shall be made no more frequently than on a monthly basis, and shall describe work performed.

4. **EXTRA SERVICES.** City shall pay Consultant for extra services which are authorized in writing in addition to the services described in Paragraph 2, in such amounts as mutually agreed to in advance. Unless the City and Consultant have agreed in writing before the performance of extra services, no liability and no right to claim compensation for such extra services or expenses shall exist.

5. **SERVICES BY THE CITY.** The City shall perform the following services:

- (1) Provide to Consultant copies of available information related to the project and project site
- (2) Promptly review Consultants work and provide Consultant with comments, if any, in a timely manner.

6. **PROGRESS AND COMPLETION.** Consultant shall commence work on the services to be performed upon receiving an executed copy of this Agreement from the City. Consultant shall complete the design by May 31, 2015.

7. **OWNERSHIP OF DOCUMENTS.** All drawings, designs, data, photographs, reports and other documentation, including duplication of same prepared by Consultant in the performance of these services, shall become the property of City upon termination of the consulting services pursuant to this agreement and upon payment in full of all compensation then due Consultant. The City agrees to hold the Consultant harmless from all damages, claims, expenses and losses arising out of any reuse of the plans and specifications for purposes other than those described in this Agreement, unless written authorization of the Consultant is first obtained.

8. **PERSONAL SERVICES; NO ASSIGNMENT; SUBCONTRACTOR.** This Agreement is for professional services, which are personal services to the City. The following persons are deemed to be key member(s) of or employee(s) of the Consultant's firm, and shall be directly involved in performing or assisting in the performance of this work:

Delmas Johnson, P.E.
Greg Thomas, P.E.
David Osborn, P.E.
Mark Freeman, P.E.
Rob Baker, PLS
Dana Holmes, AICP
Jeff Upright, P.E.

Should these individuals be removed from assisting in this contracted work for any reason, the City shall have the right to approve the replacement individuals assigned to the project or may terminate this Agreement.

This Agreement is not assignable by Consultant, without the City's prior consent in writing.

9. **HOLD HARMLESS AND INSURANCE.**

A. Indemnity.

Consultant shall indemnify and hold the City, its elected officials, officers and employees, harmless from all claims, lawsuits, demands, judgments or liability including reasonable attorney's fees, but not limited to, general liability, automobile and professional errors and omissions liability, arising out of, directly or indirectly, the negligent acts, errors and omissions of the Consultant in performing the services described.

B. Insurance.

Consultant shall, at Consultant's sole cost and expense and throughout the term of this Agreement and any extensions thereof, carry:

- (1) workers compensation insurance adequate to protect Consultant from claims under workers compensation acts;
- (2) professional errors and omissions insurance in the amount not less than \$1,000,000; and
- (2) general personal injury and property damage liability insurance and automobile liability insurance with liability limits of not less than \$1,000,000 for each claimant and \$1,000,000 for each occurrence related to the injury or death of a person or persons and for property damage.

The City, its officers and employees, shall be named as an additional insured.

All insurance policies shall be issued by a financially responsible company or companies authorized to do business in the State of Utah which are carry a Moody's rating of not less than B+. Consultant shall provide City with copies of certificates (on the City certificate form) for all policies reflecting the coverage, with an endorsement that they are not subject to cancellation without thirty (30) calendar days prior written notice to City.

10. **RELATIONSHIP OF THE PARTIES.** The relationship of the parties to this Agreement shall be that of independent contractor(s). In no event shall Consultant be considered an officer, agent, servant or employee of City. The Consultant shall be solely responsible for any worker's compensation, withholding taxes, unemployment insurance and any other employer obligations associated with the described work.

11. **STANDARD OF CARE.** Consultant services shall be performed in accordance with the skill and care ordinarily exercised by members of the same profession performing the same or similar services at the time Consultant's services are performed. Consultant shall, at Consultant's sole expense reperform any services not meeting this standard.

12. **CORRECTIONS.** In addition to the above indemnification obligations, the Consultant shall correct, at its expense, all errors in the work which may be disclosed during the City's review of the Consultant's report or plans. Should Consultant fail to make such correction in a reasonably timely manner, such correction shall be made by the City, and the cost thereof shall be charged to and paid by Consultant. "Errors in the work" as referred to above does not include and shall be in addition to, "redlines" or other standard corrections which are provided to Consultant by City.

13. **TERMINATION BY CITY.** Unless otherwise stated in the Special Terms and Conditions, this contract may be terminated, with cause by either party, in advance of the specified termination date, upon written notice being given by the other party. The party in violation will be given ten (10) working days after notification to correct and cease the violations, after which the contract may be terminated for cause. This contract may be terminated without cause, in advance of the specified expiration date, by either party, upon 30 days prior written notice being given the other party. On termination of this contract, all accounts and payments will be processed according to the financial arrangements set forth herein for approved services rendered to date of termination.

14. **ACCEPTANCE OF FINAL PAYMENT CONSTITUTES RELEASE.** The acceptance by Consultant of the final payment made under this Agreement shall operate as and be a release to City from all claims and liabilities for compensation to, or claimed by, Consultant for anything done, finished or relating to the Consultant's work or services. Acceptance of payment shall be any negotiation of the City's check.

However, approval or payment by the City shall not constitute nor be deemed a release of the responsibility and liability of Consultant, its employees, subcontractors, agents and consultants for the accuracy and/or competency of the information provided and/or work performed; nor shall such approval or payment be deemed to be an assumption of such responsibility or liability by the City for any defect or error in the work prepared by Consultant, its employees, subcontractors, agents or consultants.

15. **WAIVER; REMEDIES CUMULATIVE.** Failure by a party to insist upon the strict performance of any of the provisions of this Agreement by the other party, irrespective of the length of time for which such failure continues, shall not constitute a waiver of such party's right to demand strict compliance by such other party in the future. No waiver by a party of a default or breach of the other party shall be effective or binding upon such party unless made in writing by such party and no such waiver shall be

implied from any omission by a party to take any action with respect to such default or breach. No express written waiver of a specified default or breach shall affect any other default or breach, or cover any other period of time, other than any default or breach and/or period of time specified. All of the remedies permitted or available to a party under this Agreement, or at law or in equity, shall be cumulative and alternative, and invocation of any such right or remedy shall not constitute a waiver or election of remedies with respect to any other permitted or available right or remedy.

16. **CONSTRUCTION OF LANGUAGE OF AGREEMENT.** The provisions of this Agreement shall be construed as a whole according to its common meaning and purpose of providing a public benefit and not strictly for or against any party. It shall be construed consistent with the provisions hereof, in order to achieve the objectives and purposes of the parties. Wherever required by the context, the singular shall include the plural and vice versa, and the masculine gender shall include the feminine or neutral genders or vice versa.

17. **MITIGATION OF DAMAGES.** In all situations arising out of this Agreement, the parties shall attempt to avoid and minimize the damages resulting from the conduct of the other party.

18. **RECORDS ADMINISTRATION.** The Consultant shall maintain, or supervise the maintenance of all records necessary to properly account for the payments made to the Consultant for costs authorized by this contract. These records shall be retained by the Consultant for at least four years after the contract terminates, or until all audits initiated within the four years, have been completed, whichever is later.

19. **GOVERNING LAW.** This Agreement, and the rights and obligations of the parties, shall be governed and interpreted in accordance with the laws of the State of Utah.

20. **CAPTIONS.** The captions or headings in the Agreement are for convenience only and in no other way define, limit or describe the scope or intent of any provision or section of the Agreement.

21. **AUTHORIZATION.** Each party has expressly authorized the execution of this Agreement on its behalf and bind said party and its respective administrators, officers, directors, shareholders, divisions, subsidiaries, agents, employees, successors, assigns, principals, partners, joint ventures, insurance carriers and any others who may claim through it to this Agreement.

22. **REPRESENTATION REGARDING ETHICAL STANDARDS FOR CITY OFFICERS AND EMPLOYEES AND FORMER CITY OFFICERS AND EMPLOYEES.** The Consultant represents that it has not: (a) provided an illegal gift or payoff to a city officer or employee or former city officer or employee, or his or her relative or business entity; (b) retained any person to solicit or secure this contract upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, other than as exempted in the City's Conflict of Interest ordinance; or (c) knowingly influenced (and hereby promises that it will not knowingly influence) a city officer or employee or former city officer or employee to breach any of the ethical standards set forth in the City's Conflict of Interest ordinance, Title 2, Chapter 4 of the City of West Jordan Municipal Code.

23. **EQUAL OPPORTUNITY CLAUSE.** The Consultant agrees to abide by the provisions of Title VI and VII of the Civil Rights Act of 1964 (42USC 2000e) which prohibits discrimination against any employee or applicant for employment or any applicant or recipient of services, on the basis of race, religion, color, or national origin; and further agrees to abide by Executive Order No. 11246, as amended, which prohibits discrimination on the basis of sex; 45 CFR 90 which prohibits discrimination on the basis of age; and Section 504 of the Rehabilitation Act of 1973, or the Americans with Disabilities Act of

1990 which prohibits discrimination on the basis of disabilities. Also, the Consultant agrees to abide by Utah's Executive Order, dated June 30, 1989, which prohibits sexual harassment in the work place.

24. **ENTIRE AGREEMENT BETWEEN PARTIES.** Except for Consultant's proposals and submitted representations for obtaining this Agreement, this Agreement supersedes any other agreements, either oral or in writing, between the parties hereto with respect to the rendering of services, and contains all of the covenants and agreements between the parties with respect to said services. Any modifications of this Agreement will be effective only if it is in writing and signed by the party to be charged.

25. **PARTIAL INVALIDITY.** If any provision in this Agreement is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remaining provisions will nevertheless continue in full force without being impaired or invalidated in any way.

26. **NOTICES.** Any notice required to be given hereunder shall be deemed to have been given by depositing said notice in this United States mail, postage prepaid, or by facsimile with proof of transmission, and addressed as follows:

TO CITY: CITY OF WEST JORDAN
David Murphy, P.E.
8000 South Redwood Road
West Jordan, Utah 84088
Facsimile No.: (801) 569-5127

With a copy to the City Attorney
Jeff Robinson, City Attorney
8000 South Redwood Road
West Jordan, Utah 84088
Facsimile No.: (801) 569-5149

TO CONSULTANT: Delmas Johnson, P.E.
Stanley Consultants, Inc.
383 West Vine Street, Suite 400
Murray, UT 84123
P: 801-293-8880
F: 801-293-8886

EXECUTION OF AGREEMENT

In concurrence and witness whereof, this Agreement has been executed by the parties effective on the date and year first above written.


CITY OF WEST JORDAN

ATTEST:

Kim V. Rolfe
Mayor

Melanie Briggs, MMC
City Recorder

APPROVED AS TO LEGAL FORM



City Attorney

CONSULTANT

By: Mark I. Freeman
Its: Vice President

STATE OF Utah
COUNTY OF Salt Lake:SS

On this 19 day of January 2014, personally appeared before me,
Mark I. Freeman, who being by me duly sworn did say that he is the
Vice President of Stanley Consultants, Inc., a
corporation, and that the foregoing instrument was signed in behalf of said corporation by
authority of its Board of Directors, and he acknowledged to me that said corporation executed the
same.

Angela M. Richey
NOTARY PUBLIC



My Commission Expires:

Residing in Taylorville County, Salt Lake

EXHIBIT A
(Consultant Proposal)



December 18, 2014

Mr. David M. Murphy, P.E.
Engineering Manager for Capital Improvements Projects
8000 S. Redwood Rd.
West Jordan, UT 84088

Subject: Proposal for Preliminary Design of 7000 South Utility

Dear Dave,

The 7000 S. utility design project is essential to the City's infrastructure in this key east-west corridor. To promote value and optimize project schedule, Stanley Consultants will give strict attention to the following key issues:

1. Interface with other studies and ongoing master planning efforts
2. UDOT Permit and traffic control concerns
3. 404 Permit/UPDES – MS4 permit
4. Potential for constructed wetlands adjacent to the Jordan River as a means to increase water quality credits for the City
5. Coordination of efforts and project issues with the City and all stakeholders

Ninety-five percent of the work will be performed by Stanley Consultants professionals located in our Salt Lake City office. The remaining 5% will be performed by Great Ecology and CERTUS Environmental Solutions for wetlands and cultural resources respectfully. We have worked together with these two same consultants in a similar capacity in the past. Our Team has worked on over 700 similar projects locally which will result in close coordination of all components. Because of our familiarity with the engineering, coordination and permitting aspects of the tasks on-hand, we will be able "hit the ground running" and therefore will make possible adherence to the City schedule.

We truly feel that the scope of work included in your RFP is a good fit for the Stanley team, and look forward to working with you to improve the infrastructure serving the residents of the 7000 S. corridor.

In summary, our team is trusted and valued, available and fully qualified to help you with the preliminary design of this important project. Please contact me at 801.269.3811 or johnsondelmas@stanleygroup.com. Our address is 383 West Vine Street, #400, Murray, UT 84123.

Respectfully,

Delmas Johnson, PE, Project Manager
johnsondelmas@stanleygroup.com
801.293.8880

A handwritten signature in cursive script, appearing to read 'Mark Freeman'.

Mark Freeman, PE, Vice President
freemanmark@stanleygroup.com
801.269.3867
801.824.1260

Project Team and Firm Qualifications

Project Team

In the last 18 years Stanley Consultants' Salt Lake office has built a local specialized team that performs master planning studies, preliminary designs, final designs, including the design of stormwater, water, and sewer systems, as well as construction management and inspection services. Our local resources will provide the City with a broad team and a significant depth of resources that include 60 employees performing work from our fully-equipped Murray Office.

Our team has completed over 740 projects in Utah alone. Many of these projects have been complex infrastructure projects for local and state governments requiring coordination with third party stakeholders, various engineering design disciplines, and the public. We have coordinated with all major utilities and stakeholders including UDOT, Salt Lake County Surveyor and Engineering & Flood Control, Utah and Salt Lake Canal companies, Utah Lake Distributing Canal, and Jordan Valley Water Conservancy District, as well as Rocky Mountain Power, Questar Gas, fiber/telecommunications companies.

We have complete several projects involving utility reconstruction and rehabilitation for the following stakeholders and clients: UDOT, Sandy City, Park City, Murray, Salt Lake County, South Jordan City, Bluffdale, Draper, Orem, Morgan City, and many others.

Qualifications of the Firm

Stanley Consultants has exemplary experience at the local and global level. All team members and engineering services will be provided from our local office.

Local Address:

Stanley Consultants, Inc.
383 West Vine Street, Suite 400
Murray, Utah 84123

Primary Contact:

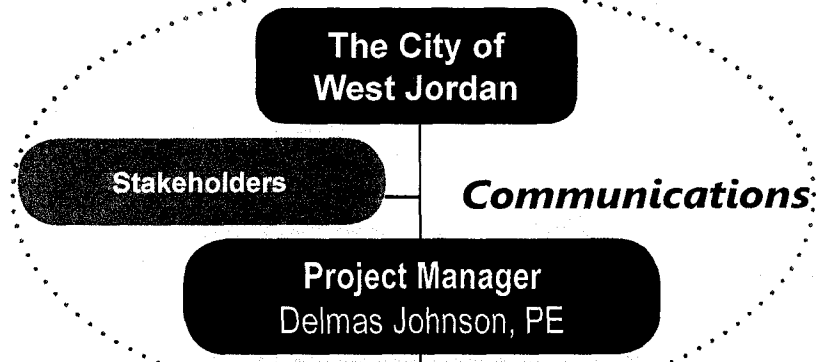
Delmas Johnson, PE, Project Manager
801.269.3811 (O) / 801.293.8880 (Main)
johnsondelmas@stanleygroup.com

Established:

1913 (Muscatine IA) / 1996 (Murray UT)

Employees:

970 - Company-wide/ 61 - Utah (2014)
57 - 5 yr avg.



Key Individual Qualifications & Staffing Plan

* Required

Name	Role	% of Time	Licenses Certs/Edu	Yrs Exp
Design Team				
D Johnson	Proj. Manager	70	PE/MSCE	23
M Freeman	QC/QA	20	PE/BSCE	19
G Thomas	Utility Lead	30	PE/BSCE	16
D Osborn	Lead Eng	50	PE/BSCE	14
D Jovanovic	Modeler	20	PE/BSCE	6
J Upright	Proj Engineer	40	PE/BSCE	10
A Jaber	UDOT Liaison	5	PE/MSCE	34
B Fenton	Proj. Designer	35	PE/BSCE	5
A Varland	CADD	50	EIT/BSCE	2
Survey and ROW				
C Yates	Survey	10	PLS/BSSE	30
R Baker	ROW	65	PLS/AAS	25
R Herbst	Field Survey	30	BSPS	11
Environmental/UPDES/404 Permit				
R Black	Wetlands	30	MS	25
D Holmes	Env. Planner	60	AICP/ MSEP	13
S Ellis	Arch. Historian	40	MS	23
GIS Analysis				
A Salah	GIS Services	25	PE, GISP/PhD	19
L Bentley	GIS Technician	55	GISP/BS Geo	8
Risk and Cost Analysis				
J Henrie	Cost Prof.	15	PE, CCP/MSCE	18

Key Personnel and Availability

Stanley Consultants' multi-disciplinary design team has the availability, manpower (over 60 local professionals), and expertise to complete the design (30%) for the utility planning, replacement, and enhancement on 7000 South from Jordan River to Constitution Park. We have the ability to provide the City with the following in-house services for this project: risk assessment and evaluation, field survey and utility locating, utility coordination, utility and drainage design, project management, ROW, permitting, maintenance of traffic plans, cost estimates, quality control and construction plan reviews, and public information support.

To enhance our team, we have partnered with **GreatEcology** to assist with wetland services. They will look for opportunities for use of natural resources. Integrating the science of quantitative models and robust ecological assessments with creative design sensibilities they will craft site specific design solutions.

We have also teamed with Sherri Ellis, with **Certus Environmental Solutions**, a specialty consultant, for cultural resources services who has completed more than 100 projects in Utah. Sheri will provide an archaeological and architectural history survey, documentation, as well as Section 106 and Section 4(f) assistance.

Our team is available and prepared to provide exceptional service without compromising quality. We anticipate finishing two minor projects by the end of December and they do not pose a conflict to this team or their utilization on this project.

Locally, we have 7 professionals water resources engineering group and they are available to begin work upon notice to proceed. This team will remain intact and available until this project is complete. Should the need arise, we have ample management and technical skills and resources to execute this contract and meet or exceed the City's project goals.

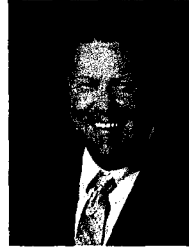
Locally:

- 5 Environmental Engineering
- 3 Water Resources
- 1 Environmental Services

Domestically:

- 35 Water Resources
- 37 Environmental Engineering
- 22 Environmental Services

Key Personnel



Delmas Johnson, PE Project Manager

Delmas Johnson (Project Management) has 15 years of managing complex water resource projects and has demonstrated the ability to coordinate with clients and work with the team to determine the optimal alignment of the utilities and quality designs are achieved. He will oversee the easements and permits, as well as the 404 permit for constructing the detention ponds and the UPDES permit. He will work with our NEPA specialist Dana Holmes to execute the application and follow up as required. Delmas will correlate with other studies and master plans and confirm that the master plans are updated with new information. Delmas will conduct monthly coordination meetings with the City and manage the team so that the quality deliverables are delivered on time and within budget. Delmas' project experience includes the 18-inch Bateman Irrigation Lateral Replacement and Rehabilitation in Sandy, 3 miles of 15-inch Pipeline for Delmar Valley, and 16-inch waterline replacement for UDOT at 11600 South and Redwood Road in South Jordan.



Greg Thomas, PE Utility Engineer and Coordinator

Greg Thomas has the persistence to perform exceptionally well as the lead utility coordinator on this project. He understands that it requires consistent and constant communications with third parties to keep a project on schedule. He engages the utility representative early-on in the process, collects existing data efficiently, and identifies issues and concerns before they arise and offer options for mitigating or avoiding costly mistakes. Greg will report issues, concerns, and long lead items so that the team can choose the right alignment and anticipate processes for precise decision making. Because of his experience as the lead utility coordinator on many UDOT projects and his recent participation in UDOT utility coordination training program, Greg can hit the ground running and provide the City with the insight needed to get through the UDOT process and to make sound decisions. His similar experience includes utility coordination along 5400 South from Bangerter to Redwood Road, utility coordination on Redwood Road from Bangerter to Saratoga Springs, utility design 18,700-feet of sewer rehab for Murray City, 11,595-feet of pipeline (24- and 20-inch waterline and 12-inch sewer) main replacements for Helper City, and construction oversight for storm drainage facilities on Mountain View Corridor.



**David Osborn, PE
Drainage Engineer
& MOT Design**

David Osborn is well versed in drainage design for roadway reconstruction, and widening projects. He has knowledge and expertise using a variety of software applications to perform hydrologic calculations and to verify capacity for stormwater lines and culverts for simple to very complex projects. His work has encompassed overseeing design tasks for an urban roadway projects which included new curb and gutter, storm drain, irrigation, inlets, outlets, piping, ground infiltration, detention and retention ponds. David will also be responsible for working on an effective MOT plan. David will discuss with the City MOT concepts then develop an MOT plan that will minimize traffic disruption and impacts. He has a wealth of experience in MOT particularly on urban roadways. David Osborn's many years of drainage and MOT experience gives him the innate ability to identify risks, define flexible mobility options, and pursue innovative traffic control plans that minimize impacts to the motoring public. His drainage, irrigation, and maintenance of traffic design experience includes 900 East from 900 South to 2100 West, Helper interchange, 12300 South from 700 East to I-15, Redwood Road 2320 South to 3100 South, 800 North in Orem, 3500 South and I-215 West Frontage Road, Empire Avenue, and Deer Valley Dr.



**Mark Freeman, PE
Quality Control
and Assurance
Engineer**

Mark Freeman has 18 years of experience in the transportation and water resources disciplines. One of his areas of focus and expertise is in the management and design of large/complex urban roadway drainage systems. He has managed and designed large drainage systems which includes major trunk lines of up to 52-inches in diameter, detention basins, infiltration systems, large culvert crossings, and utility/irrigation locating and clash detection to avoid conflicts with drainage infrastructure. Two of these larger projects include 12300 South; 1000 East to the Jordan River, and 800 North; 1000 East to 400 West. With this background and experience Mark will provide QC/QA services for stormwater related projects.



**Rob Baker, PLS
Survey and ROW
Research**

Rob Baker brings a wealth of experience in boundary surveying and developing base maps for acquiring right-of-way (ROW) that includes extensive title

research of property ownerships, historical records (deeds, easements, ROW, etc.), and boundary retracement based upon interpretation of deed elements. He has worked within the County Surveyors records and UDOT ROW processes on numerous projects to establish the easement requirements for significant utility projects. Rob is judicious to quality control measures on plan sheets and all submittal documents. On past projects, Rob has found flawed and erroneous record data from aged County records. His work includes Redwood Road Bangerter to Saratoga Springs, Boundary and alignment survey for Metropolitan WD, US-6 Soldier Summit to White River, and 9000 South from 700 West. Our objective is to identify potential parcels that will be affected by the project, and collaborate with the City for the best approach. For quality control purposes, Rob will deal with these issues on a case-by-case basis. Rob's most notable work was performing ROW services on UDOT's Redwood Road from Bangerter Highway to Saratoga Springs, encompassing over 250 parcels.



**Dana Holmes, AICP
Environmental
Specialist**

Dana Holmes has professional experience since 2002. She has planning experience for local land use decisions to satisfy National Environmental Policy Act (NEPA) requirements. She has conducted NEPA analysis and comprehensive planning studies for FTA, FHWA, and FRA for projects in Utah and other states. Dana has the capabilities of evaluating existing conditions and impacts for land use, pedestrian & bicycle patterns, hazardous materials, parks and recreation facilities, 4(f) and social conditions (quality of life/community cohesion). Dana has developed pre-NEPA documents including a Section 106, Section 4(f) evaluation, Baseline Conditions reports, Land Use and Socioeconomic Tech Memos and Purpose and Need statements.



**Jeff Upright, PE
Project Engineer**

Jeff has professional experience since 2005 in civil engineering, specializing in public utilities and Civil3D. Jeff's specialties include all facets of utilities and stormwater including hydraulic modeling, detention/retention/infiltration basins, and grading as well as potable and irrigation systems. As a project engineer, Jeff has engineered and modeled complex piping networks, prepared preliminary and final design packages, engineered cost estimates and construction bid packages. He has managed and reviewed plan sets, contracts, and utility agreements, and understands local government process. He has carried numerous projects from design to advertisement and bidding.

Scope of Work & Summary of Deliverables

Demonstrated Understanding

Expanding the storm drain infrastructure along the City of West Jordan 7000 South corridor from the Jordan River to Constitution Park will reduce flooding risk from the 100-year storm and allows accounting for the accumulated storm flows that discharge into the canals. Several other utilities are also in need of redevelopment, expansion and rehabilitation to meet the needs of current and future local residents. There are several on-going master planning efforts along the corridor including a transportation study; and revisions to the storm drain, culinary (drinking) water, and transportation master plans that identify the future capacity requirements. A new Sewer System Master Plan was adopted in 2013.

Successful completion of the preliminary design (30%) for the 7000 South Corridor Utility System includes the following:

1. Examine master plans and extract their impact on the future utilities.
2. Evaluate existing systems and determine existing systems ages, capacities and conditions.
3. Define improvements required to address deteriorated facilities and proper sizing to accommodate growth.
4. Whereas the main driver for the project is the storm drain system, the sanitary sewer system includes three pipes that may be combined in one as well as other modifications, while the water system may require a zone boundary change and the relocation of a PRV station. Sections of both the sewer and water systems may require replacement due to age/condition.

Stanley Consultants scope of work and schedule will deliver the following desired objectives:

1. Accurate research, surveying, and conflict resolution in the Corridor.
2. Coordination meetings with City staff to inform each critical step of the preliminary design.
3. Coordination of timely meetings with outside agencies.
4. Proper engineering for pipeline alignment selection (horizontal and vertical); and detention pond site selection and sizing.
5. Timely and complete permit applications to the various agencies (Federal, State and Local).
6. Coordination with new master planned developments.
7. An informed public through open houses and public meetings to insure stakeholder (citizen) buy-in.
8. Completion of preliminary design effort by May 2015 in order for full design to proceed in June 2015.

Detailed Scope

1. Project Kick Off Meeting: Our key team members will meet with City personnel to establish roles and responsibilities, review the scope, schedule, and deliverables, as well as project goals. We will address known issues and concerns at the commencement phase; discuss the communication plan; identify data requirements; and establish a process for responding to new and undefined challenges and issues that arise during the project.

Deliverable:

Meeting notes will be distributed electronically

2. Prepare Project Work Plan: Our work plan will outline the role of each team member and document the progress through each phase and task. We will prepare the work plan and use it as a tool so that the team is united and remains connected to the scope and budget throughout the entire project.

3. Monthly Client Review Meetings: Once per month at a time designated by the City, key members of the design team will meet with the City staff to review and demonstrate progress, seek input, review completed work, and address questions and issues that have surfaced since the previous meeting.

Deliverable:

Meeting notes will be distributed electronically

4. Acquire and review utility master planning data provided by the City and/or its consultants:

Stanley Consultants will work with the City and its consultants to obtain the most recent master planning data pertaining to water, sanitary sewer, storm drainage, and transportation. Stanley Consultants will compile the GIS data and supporting information into a database for use in development of the mapping for the project.

5. Obtain available survey data from the City:

Stanley Consultants will request from the City and associated stakeholders, any survey data available and/or mapping that will add value and accuracy to the base mapping for the project.

6. Survey (topographic and utility mapping):

Stanley Consultants will create topographic mapping of the 7000 South corridor right-of-way within the project limits. Topographic mapping will include valve box lids, manholes, fire hydrants, meter boxes, storm drain inlets, utility markers, communications boxes, irrigation structures, and other surface features within the right-of-way. Roadway cross sections will be surveyed at intervals of 40-feet and include lip of gutter, top back of curb, front of sidewalk, back of sidewalk, and centerline. Additionally, pipeline invert elevations, materials, and diameters will be confirmed in accessible structures.

Key Issue:

Traffic control and survey in busy intersections: For Risk Mitigation, we will survey busy intersections and streets during off-peak hours to reduce the risk to survey field personnel and the traveling public. Proper work zone signage will be utilized.

Deliverable:

Topographic and utility mapping data will be included in the Base Map. The base map will be shared electronically.

7. Review of Roadway Alignments: Stanley Consultants will review the work of the City's consultant on the 7000 South road feasibility study to optimize future rights-of-way and utility alignment options.

8. Utility Investigation, Coordination, Mapping:

Stanley Consultants will research potentially conflicting wet and dry utilities located within the corridor, determine which entities are located within the project limits, and contact the utility companies and request utility data and mapping. To facilitate this task, Stanley Consultants will follow the procedures outlined in the UDOT Utility Coordination Manual of Instruction. The following is a summary of the actions we will take to coordinate with utilities:

- a. Identify the utility agencies within the project limits and develop a utility representative contacts list with correct contact information. We will identify each agency with online database for planning and design.
- b. Contact third party agencies early to request existing data on their facilities within the project area, including size, type, condition, significance, depth, etc. of the utilities along with documentation of any easement or other land rights that their existing utility facilities occupy. Contact will be made via telephone, email, or other written communications. Stanley Consultants will submit to the entities, maps defining the project areas and the project description.
- c. Follow up with the entities as needed to verify the submitted information.
- d. If required, Stanley Consultants, after consultation and authorization from a City project manager, will work with a specialty subconsultant to provide utility locating services required to achieve the vertical resolution necessary for a complete utility plan in the 7000 South corridor.

Key Issues:

Timely response by third party agencies.

Risk Mitigation – Frequent and effective communication with third party agencies combined with our institutional knowledge of what the third party agencies require so they can provide us the needed information in a timely manner.

Incomplete or inaccurate utility information.

Risk Mitigation – Use of our institutional knowledge of third party agencies standards and construction practices to supplement the utility data and prepare an

accurate utility base map.

Deliverable:

Deliverable: Utility Company Contacts List and utility information received from the utility companies. The utility data that is received from the utility companies will be included in the base mapping.

9. Base Mapping: Stanley Consultants will prepare a utility and topographic base map of the data collected in Tasks 4 through 8. The base map will be prepared using AutoCAD Civil 3D using Stanley Consultants CADD standards. The base map will include a surface model and data base of all utilities that have been located. The utility data base will include vertical and horizontal alignment information of each utility along with type, size, and material. The base map will be suitable for the development of plan and profile construction drawings. The base map and utility data base will have the ability to be dynamically linked so that utilities will appear in the profiles. The base map will also include aerial imagery of the project area and the location of the right-of-way. Aerial imagery will be the highest resolution available from either Salt Lake County or from Utah Automated Geographic Reference Center (AGRC). Roadway names and stationing along roadway centerline at intervals of 25-feet, included in the base map.

Deliverable:

CADD Base Map (AutoCAD Civil 3D) with utility data base, roadway alignments, and aerial imagery.

10. Engineering Analysis for Required Utility Capacities:

Stanley Consultants will analyze hydraulic capacities of the existing sanitary sewers, culinary water pipelines, and stormwater conveyance facilities and compare those capacities with the required future capacities identified in the master planning reports. Pipelines and structures that need to be relocated to accommodate the roadway widening or replaced to either increase capacity or address deterioration damage will be identified by segment. Required pipe sizes, pipe material types, life cycle costs with regard to corrosion or accelerated deterioration due to insitu soil types and other pertinent utility requirements will be identified.

Deliverable:

A detailed listing of the pipeline segments and structures requiring relocation and/or replacement. Findings of the analyses will be incorporated into the CADD Base Map and the Design and Feasibility Memorandum (Task 23).

11. Utility consolidation and efficiency upgrade recommendation:

Based upon the collected utility and roadway information, our team will look at utility consolidation and optimization that is in the best interest of the City, and make corresponding recommendations. Where sanitary sewer collection piping is inefficient or aged, we

will make recommendations on proposed upgrade and replacement. Additionally, the City desires to relocate a water system PRV station to change the pressure zone boundaries and improve the delivery pressures in what is now a portion of Zone 2 and confirm master plan phasing. Therefore, this task will include the modifications to the pressure zone as recommended in the master planning effort.

Deliverable:

These recommendations will be outlined in the Design and Feasibility Memorandum (Task 23).

12. Prepare Preliminary Utility Plan: We will prepare a preliminary utility plan with the proposed alignments and improvements in the project base mapping. The preliminary utility plan will include six representative cross-sections of the 7000 South utility corridor. The preliminary utility plan will also account for utility disruption during construction, and locate respective utilities to minimize service impacts and lower overall construction costs.

Deliverable:

A hard copy and electronic deliverable of the utility plan and cross-sections.

13. Generate plan and profile sheets of the alignment: Based upon the preliminary utility plan accepted by the City, we will develop the preliminary plan and profile sheets as the foundation to the 30% design documents. Initially, these sheets will be working documents in our refining and finalizing of utility modifications and reviews by City staff.

Deliverable:

Draft plan and profile sheets of the utilities in the 7000 South corridor.

14. Hydrologic Analyses of stormwater, routing and detention modeling: Stanley Consultants will conduct a hydrologic analysis of the 7000 South corridor utilizing the best available master planning data. The analysis will include a routing of the 10 yr-24 hr, 25 yr-24 hr, and the 100 yr-6 hr events. From the analysis, we will determine how to optimize stormwater detention storage at Constitution Park and the additional detention storage adjacent to the Jordan River prior to release. The results of the hydrologic analysis will allow our team to define required hydraulic capacity of the new storm drainage infrastructure; appropriately size detention storage; and identify potential impacts caused by discharges from the Utah & Salt Lake Canal and South Jordan Canal. The master planning effort has already identified a need for additional detention storage at Constitution Park.

15. Assess feasibility of constructed wetlands as a Best Management Practice (BMP) for stormwater management: Working closely with our sub-consultant, Great Ecology, we will investigate the feasibility

of constructed wetlands adjacent to the Jordan River. The objective of the wetlands will be to expand the currently functioning Bateman Pond and create additional water quality credits for the City pertaining to stormwater mitigation and treatment.

16. Coordinate with permitting stakeholders, UDOT, Salt Lake County, Army COE, State Division of Water Quality and others: Stanley Consultants has active and respectful relationships with all of the permitting stakeholder, including Tony Lau with UDOT. Therefore will be able to be efficient and effective in our interface with these several agencies in discussing and negotiating acceptable permitting schedules and terms for the City. Our coordination with permit stakeholders will begin early in the project to minimize surprises and develop consensus early. Particularly, with respect to the 404 permit, UPDES permit and UDOT Right-Of-Way Encroachment Permit, Stanley Consultants will open dialogue early with both agencies immediately after the notice to proceed. Having worked with Utah & Salt Lake Canal, South Jordan Canal and the North Jordan Canal in the past, we know permitting and easements will be required for all three canal crossings. We will inform the City of the permits' progress during the monthly progress meetings.

17. Develop Initial Cost Estimate: Based upon the preliminary utility plan, Stanley Consultants will prepare an initial cost estimate for full design and construction. We will use this tool as we review and discuss the details of the project with City staff.

18. Conduct environmental due diligence, wetland delineation and cultural resource survey: Stanley Consultants will conduct all appropriate environmental due diligence, including Phase 1 studies, UST and LUST investigation, wetland delineation at the detention pond sites or other areas outside of the 7000 South transportation corridor, and a cultural resource survey.

Deliverable:

Summary findings of this task will be included in the Design and Feasibility Memorandum, with full documentation in the appendix.

19. Preliminary submission of all Permit

Requests: Based upon the findings and coordination, we will prepare and submit a permit request to each pertinent stakeholder as discussed in Task 15.

Deliverable:

Copies of all permit requests will be forwarded to the City for their records.

20. ROW identification, Mapping, and Easement

Preparation: Identifying the right-of-way will be important to the preliminary utility plan, and therefore will be completed prior to Task 11. From the work completed by

the 7000 South feasibility study (1300 West to Bangerter Highway Traffic Evaluation) by the City's consultant, we will examine proposed roadway alignments for 7000 South, then identify right-of-way requirements and associated mapping. The options for the alignment will be submitted to the City for review. Once an acceptable alignment is agreed upon, our survey and right-of-way team will initiate the easement and ownership record preparation process with maps, deeds, descriptions, and exhibits for each parcel.

Deliverable:

Submit right-of-way mapping to the City for review, and ultimately final rights-of-way mapping and easement documents with exhibits.

21. Constructability review: Stanley Consultants will evaluate traditional open-cut utility installation vs. pipe bursting or directional drilling methods. Our former contractor/construction management team will conduct an objective constructability review of the 30% design and share the results of that review in the design and feasibility memorandum. Our construction management team has the ability to identify and address risks so that potential construction change orders may be avoided.

22. Finalize engineer's estimate of probable construction costs: At this stage of the project, our certified cost professional will finalize the engineer's estimate, using fair market construction value at the 30% design stage and submit to the City. This will help the City to identify actual construction costs.

Deliverable:

Submit the final Engineer's Estimate of fair market construction costs to the City.

23. Prepare design and feasibility memorandum:

We will compile the analysis, conclusions, and recommendations from the previous phases of the project in a final design and feasibility memorandum. The report will accompany the 30% design drawings to clearly explain the process in the development of the drawings, and specific justification as to each utility modification in the 7000 South corridor.

Deliverable:

Design and Feasibility Memorandum as a "pdf" and hard copy.

24. Complete 30% design drawings: Stanley Consultants will complete the preparation of 30% design drawings.

Deliverable:

30% Design Drawings in "pdf" and hard copy form.

25. Public open houses and public hearing: Stanley Consultants will coordinate, organize, and participate in 2 open houses for the public. Each open house will be scheduled at a date and time specified by the City. We will

prepare project related information that is pertinent to process i.e. posters, handouts, website updates, and social media content. Technical staff, accustomed to working with the public, will be available to answer questions that arise. If requested, as the City's consultant, we will present the 30% design, its findings, and answer questions from the City Council, staff and the public.

26. Project completion meeting: Key team members will meet with the City to review the final project deliverables and respond to any concerns or questions. This meeting will help bring the 30% design project to a conclusion and prepare the City for the successive steps in the complete project process.

Summary of Deliverables

- *Kick off meeting notes distributed electronically.*
- *Project meeting notes and updates, distributed electronically.*
- *Topographic and utility mapping data will be included in the Base Map. The base map will be shared electronically.*
- *Utility Company Contacts List and utility information received from the utility companies. The utility data that is received from the utility companies will be included in the base mapping.*
- *CADD Base Map (AutoCAD Civil 3D) with utility data base, roadway alignments, and aerial imagery.*
- *A detailed listing of the pipeline segments and structures requiring relocation and/or replacement. Findings of the analyses will be incorporated into the CADD Base Map and the Design and Feasibility Memorandum (Task 23).*
- *Recommendations outlined in the Design and Feasibility Memorandum (Task 23).*
- *A hard copy and electronic deliverable of the utility plan and cross-sections.*
- *Draft plan and profile sheets of the utilities in the 7000 South corridor.*
- *Summary findings of this task will be included in the Design and Feasibility Memorandum, with full documentation in the appendix (Task 23).*
- *Copies of all permit requests will be forwarded to the City for their records.*
- *Submit right-of-way mapping to the City for review, and ultimately final rights-of-way mapping and easement documents with exhibits.*
- *Submit the final Engineer's Estimate of Probable Construction Costs to the City.*
- *Design and Feasibility Memorandum as a "pdf" and hard copy.*
- *30% Design Drawings in "pdf" and hard copy form.*

7000 South Utility Design
Jordan River to Constitution Park
Preliminary and Final Design Plans

PROPOSED PROJECT SCHEDULE

Assembling work, commencing Jan 15, 2015

Activity - Task Description	Jan 1	Jan 2	Feb 3	Feb 4	Feb 5	Feb 6	Mar 7	Mar 8	Mar 9	Mar 10	Apr 11	Apr 12	Apr 13	Apr 14	Apr 15	May 16
Preliminary Design (50%)																
Kickoff Meeting, review project scope & schedule, establish and approve communications plan																
Prepare Project Work Plan																
Acquire and Review all utility master planning data																
Acquire available survey data																
Field topographic mapping and utility inverts as appropriate																
Review of roadway alignments																
Utility Investigation and Coordination, obtain existing data, create utility base maps for design																
Engineer Required Utility Capabilities																
Recommend utility consolidation and efficiency upgrade																
Prepare preliminary utility plan																
Plan and profile sheets of street surface and utilities (20 Sheets)																
Typical Sheets (2 Sheets)																
Hydrologic Analysis of stormwater routing and sizing of detention																
Assess feasibility of constructed wetlands as part of stormwater detention																
Coordination with UDOT, St. County Flood Control, Canal Companies, Army COE, and others																
Develop an initial cost estimate																
Phase I Environmental, wetlands delineation and cultural resource survey																
Preliminary submission of all permits																
ROW Identification, ROW Maps, Easements																
Conceptual Review																
Finalize engineer's estimate of probable construction costs																
Monthly client review meetings																
Design and Feasibility memorandum																
Complete 30% drawings																
Public Open Houses (2 meetings)																
Public Meeting																
Stormwater Detention																

Client Task Allocation
1 week of released time per task

Activity - Task Description	PRELIMINARY UNIT PRICE \$100	PROJECT MANAGER \$120	UTILITY ENGINEER \$100	STORM DRAINAGE ENGINEER \$100	PROJECT ENGINEER \$110	NON-RESEARCH ENGINEER \$120	RESEARCH ENGINEER \$100	ENVIRONMENTAL & PUBLIC AFFAIRS \$100	ANALYST \$120	CONSTRUCTABILITY FIND COST \$100	SURVEY MANAGER \$100	PUBLIC INVOLVEMENT \$100	ON-DESIGNER \$100	ON-DESIGNER \$100	TOTAL HOURS
Preliminary Design (50%)															
Kickoff Meeting, review project scope & schedule, establish and approve communications plan															
Prepare Project Work Plan															
Acquire and Review all utility master planning data															
Acquire available survey data															
Field topographic mapping and utility inverts as appropriate															
Review of roadway alignments															
Utility Investigation and Coordination, obtain existing data, create utility base maps for design															
Engineer Required Utility Capabilities															
Recommend utility consolidation and efficiency upgrade															
Prepare preliminary utility plan															
Plan and profile sheets of street surface and utilities (20 Sheets)															
Typical Sheets (2 Sheets)															
Hydrologic Analysis of stormwater routing and sizing of detention															
Assess feasibility of constructed wetlands as part of stormwater detention															
Coordination with UDOT, St. County Flood Control, Canal Companies, Army COE, and others															
Develop an initial cost estimate															
Phase I Environmental, wetlands delineation and cultural resource survey															
Preliminary submission of all permits															
ROW Identification, ROW Maps, Easements															
Conceptual Review															
Finalize engineer's estimate of probable construction costs															
Monthly client review meetings															
Design and Feasibility memorandum															
Complete 30% drawings															
Public Open Houses (2 meetings)															
Public Meeting															
Stormwater Detention															

Similar Work Performed and References

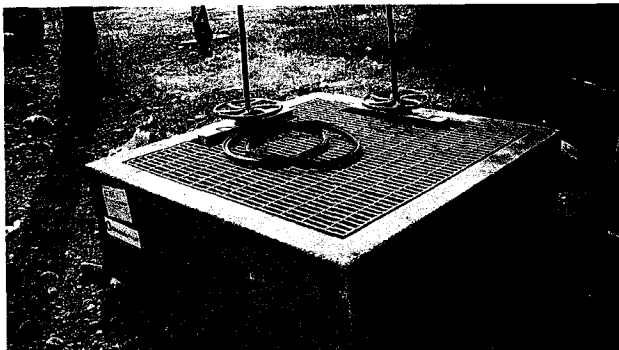
Collectively, our team has worked on the the following similar and relevant projects.

Design and Relocation of 33-inch Aqueduct 11400 South, South Jordan, UT

As part of the 11400 South roadway widening between 110 East and 3200 West the 33-inch aqueduct needed to be relocated. Stanley Consultants provided engineering design services and construction management services for the aqueduct relocation. The design included railroad grade crossings, data collection, utility coordination, bypass piping, pressure reducing valves, isolation valves, valve automation, and electrical upgrades within the existing booster pump station facilities to increased flow from the Southeast Regional Water Treatment Plant to the aqueduct. Construction management services included daily site inspection, shop drawing and submittal review and coordination with UDOT and JVWCD.

Drainage and Irrigation Design 123rd South UDOT, Region 2; Draper/Riverton, UT – Stanley Consultants was responsible for all drainage design and related issues. The design required attenuation of peak flows only allowing 0.1 cfs per acre discharge into the two County flood control facilities including Willow Creek and the Jordan River. Two new detention basins were designed and constructed to meet the discharge requirements and to meet water quality standards as well. Storm drain facilities were designed and constructed to collect, convey and route both off-site and on site runoff to the detention basins and out into the two County flood control receiving facilities.

Stanley Consultants also performed design and plans for a newly relocated irrigation system to be placed in an easement outside of the UDOT ROW. This system included the design and construction of an inverted siphon at Willow Creek to convey the irrigation water west and across the railroad corridor. The siphon was constructed to get under the new fill slopes and driveways that were lowered due to the lowering of 12300 South at the new grade separated railroad crossing.



References

Tony Lau
UDOT Permits
801.887.3717
tlau@utah.gov

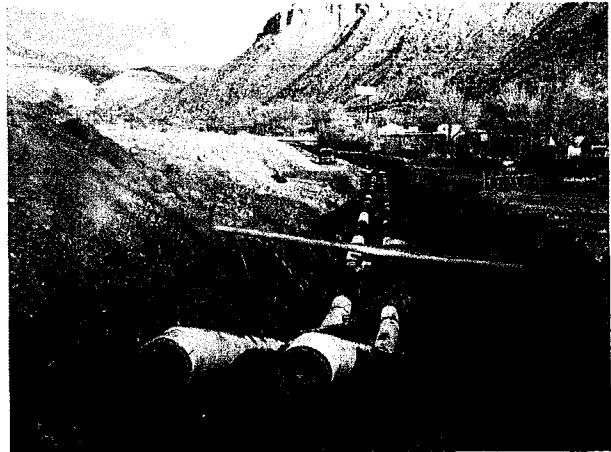
Josh VanJura
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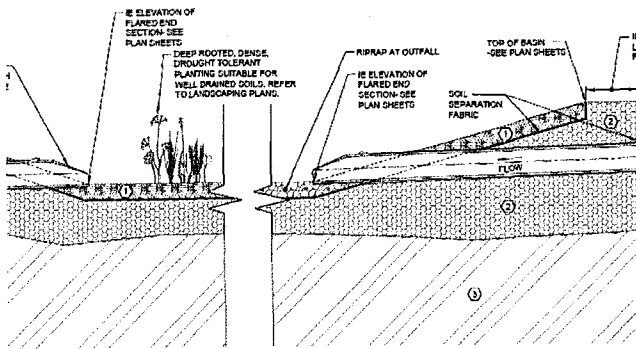
Design and Relocation of 20- and 24-inch Water Mains, Helper, UT

UDOT required the relocation of existing water utilities in the project area so that a new intersection could be built. Stanley Consultants designed 4,800 feet of 20-inch PC 250 water main and 3,600 feet of 24-inch PC 200 water main to accommodate the new intersection footprint. The design included specifications for uninterrupted services during construction until replacement mains were constructed, tested, and placed into service (shown below).



Various Culinary Water Projects, South Jordan, UT

Stanley Consultants provided engineering services for a variety of culinary waterline project including 8,700 feet of new 16-inch ductile iron water main, 4,000 feet of new 20-inch ductile iron pipe, and a variety of pipe replacement projects to upgrade fire flow in several residential subdivisions. The key to success for this project was being able to meet the city's fast track schedule and to provide service to new commercial area. Stanley Consultants was able to complete the design and have bid documents ready in four weeks. This included coordination with three developers and UDOT.



Planning and Design of Stormwater Facilities, Confidential Client, Japan—Stanley Consultants's Utah resources provided grading and drainage, site master planning, anti-terrorism and force protection design for facilities, roadway design, and general site layout. Project is to be certified LEED Silver and thus incorporated pervious pavements, solar reflective pavements, bio-swaes for stormwater pre-treatment, Infiltration basins and a large regional detention/infiltration basin. Regional detention/infiltration basin is sized to handle a 10-year event at a capacity of 16,500 Cubic feet. The basin includes various stormwater treatment methods such as infiltration for ground water recharge, drought tolerant plants, and large surface area for evapotranspiration (shown above).

SR-68 Betterment Design Service; Jordan Valley Water Conservancy District; UT—As part of the SR-68 Design-Build project the District was required to relocate an existing 12-inch AC waterline. The District elected to up size the water main to an 18-inch ductile iron waterline. Responsibilities included preparation of construction documents, coordination with UDOT, the District, and the Design-Build Contractor, coordination with the cathodic protection sub-consultant, cost estimates, preparation of record drawings, and construction management.

12-inch Water Main and Utility Coordination for Parleys Trail, Salt Lake County, UT—Stanley Consultants was selected to do the study and design for a \$2 million local government trail project that incorporated the engineering and design to facilitate minimal disturbances and maintain the serviceability of an existing 12-inch potable water system. Stanley Consultants water services team provided final drawings, attended project meetings, coordinated utilities, provided services for survey, ROW and landscaping and managed subconsultants.

SR-68 Bangerter to Saratoga Springs; UDOT, Region 2; Bluffdale, UT—Stanley Consultants provided utility coordination, hydrological and hydraulic analysis for road drainage of the entire corridor. The design incorporated off-site drainage structures including cross and driveway culverts. Responsibilities included storm drain and irrigation analysis and design, which involved collection, conveyance

including pipes, ditches, culverts, energy dissipaters, inlet and outlet structures and pond designs. James also analyzed water quality input to irrigation canals and investigated de-icing salt effect on the canal waters and on crop production (shown below).



Drainage and Irrigation Design 800 North; UDOT, Region 3, UT—Stanley Consultants drainage team prepared complete drainage and irrigation design, PS&E and advertisement documents. The storm drainage design included a series of linear detention basins with oil water separators and an inner connected pipe conveyance system that discharged into existing system at State Street. Also included were three infiltration/injection trenches for overflow discharges, limiting discharge to 10 cfs into the city's system. Other design elements Stanley Consultants performed were: sump analysis, hydrology modeling, irrigation design and relocation, utility design and relocations and infiltration analysis.

Client: City of West Jordan
7000 South Utility Design, Jordan River to Constitution Park (30% Design)

Total Professional Services Fee: \$148,185.00

Activity - Task Description		PERSONAL MANAGER 1100	PROJECT MANAGER 1101	UTILITY ENGINEER 1102	STORM DRAINAGE ENGINEER 1103	PROJECT MANAGER 1104	NON- ENGINEERING 1105	ENVIRONMENTAL & 1106	JULIAN AND ASSOCIATES 1107	CONSTRUCTION 1108	SURVEY 1109	PUBLIC 1110	CIVIL 1111	CIVIL 1112	CIVIL 1113	CIVIL 1114	CIVIL 1115	CIVIL 1116	CIVIL 1117	CIVIL 1118	CIVIL 1119	CIVIL 1120	CIVIL 1121	CIVIL 1122	CIVIL 1123	CIVIL 1124	CIVIL 1125	CIVIL 1126	CIVIL 1127	CIVIL 1128	CIVIL 1129	CIVIL 1130	CIVIL 1131	CIVIL 1132	CIVIL 1133	CIVIL 1134	CIVIL 1135	CIVIL 1136	CIVIL 1137	CIVIL 1138	CIVIL 1139	CIVIL 1140	CIVIL 1141	CIVIL 1142	CIVIL 1143	CIVIL 1144	CIVIL 1145	CIVIL 1146	CIVIL 1147	CIVIL 1148	CIVIL 1149	CIVIL 1150	CIVIL 1151	CIVIL 1152	CIVIL 1153	CIVIL 1154	CIVIL 1155	CIVIL 1156	CIVIL 1157	CIVIL 1158	CIVIL 1159	CIVIL 1160	CIVIL 1161	CIVIL 1162	CIVIL 1163	CIVIL 1164	CIVIL 1165	CIVIL 1166	CIVIL 1167	CIVIL 1168	CIVIL 1169	CIVIL 1170	CIVIL 1171	CIVIL 1172	CIVIL 1173	CIVIL 1174	CIVIL 1175	CIVIL 1176	CIVIL 1177	CIVIL 1178	CIVIL 1179	CIVIL 1180	CIVIL 1181	CIVIL 1182	CIVIL 1183	CIVIL 1184	CIVIL 1185	CIVIL 1186	CIVIL 1187	CIVIL 1188	CIVIL 1189	CIVIL 1190	CIVIL 1191	CIVIL 1192	CIVIL 1193	CIVIL 1194	CIVIL 1195	CIVIL 1196	CIVIL 1197	CIVIL 1198	CIVIL 1199	CIVIL 1200	CIVIL 1201	CIVIL 1202	CIVIL 1203	CIVIL 1204	CIVIL 1205	CIVIL 1206	CIVIL 1207	CIVIL 1208	CIVIL 1209	CIVIL 1210	CIVIL 1211	CIVIL 1212	CIVIL 1213	CIVIL 1214	CIVIL 1215	CIVIL 1216	CIVIL 1217	CIVIL 1218	CIVIL 1219	CIVIL 1220	CIVIL 1221	CIVIL 1222	CIVIL 1223	CIVIL 1224	CIVIL 1225	CIVIL 1226	CIVIL 1227	CIVIL 1228	CIVIL 1229	CIVIL 1230	CIVIL 1231	CIVIL 1232	CIVIL 1233	CIVIL 1234	CIVIL 1235	CIVIL 1236	CIVIL 1237	CIVIL 1238	CIVIL 1239	CIVIL 1240	CIVIL 1241	CIVIL 1242	CIVIL 1243	CIVIL 1244	CIVIL 1245	CIVIL 1246	CIVIL 1247	CIVIL 1248	CIVIL 1249	CIVIL 1250	CIVIL 1251	CIVIL 1252	CIVIL 1253	CIVIL 1254	CIVIL 1255	CIVIL 1256	CIVIL 1257	CIVIL 1258	CIVIL 1259	CIVIL 1260	CIVIL 1261	CIVIL 1262	CIVIL 1263	CIVIL 1264	CIVIL 1265	CIVIL 1266	CIVIL 1267	CIVIL 1268	CIVIL 1269	CIVIL 1270	CIVIL 1271	CIVIL 1272	CIVIL 1273	CIVIL 1274	CIVIL 1275	CIVIL 1276	CIVIL 1277	CIVIL 1278	CIVIL 1279	CIVIL 1280	CIVIL 1281	CIVIL 1282	CIVIL 1283	CIVIL 1284	CIVIL 1285	CIVIL 1286	CIVIL 1287	CIVIL 1288	CIVIL 1289	CIVIL 1290	CIVIL 1291	CIVIL 1292	CIVIL 1293	CIVIL 1294	CIVIL 1295	CIVIL 1296	CIVIL 1297	CIVIL 1298	CIVIL 1299	CIVIL 1300	CIVIL 1301	CIVIL 1302	CIVIL 1303	CIVIL 1304	CIVIL 1305	CIVIL 1306	CIVIL 1307	CIVIL 1308	CIVIL 1309	CIVIL 1310	CIVIL 1311	CIVIL 1312	CIVIL 1313	CIVIL 1314	CIVIL 1315	CIVIL 1316	CIVIL 1317	CIVIL 1318	CIVIL 1319	CIVIL 1320	CIVIL 1321	CIVIL 1322	CIVIL 1323	CIVIL 1324	CIVIL 1325	CIVIL 1326	CIVIL 1327	CIVIL 1328	CIVIL 1329	CIVIL 1330	CIVIL 1331	CIVIL 1332	CIVIL 1333	CIVIL 1334	CIVIL 1335	CIVIL 1336	CIVIL 1337	CIVIL 1338	CIVIL 1339	CIVIL 1340	CIVIL 1341	CIVIL 1342	CIVIL 1343	CIVIL 1344	CIVIL 1345	CIVIL 1346	CIVIL 1347	CIVIL 1348	CIVIL 1349	CIVIL 1350	CIVIL 1351	CIVIL 1352	CIVIL 1353	CIVIL 1354	CIVIL 1355	CIVIL 1356	CIVIL 1357	CIVIL 1358	CIVIL 1359	CIVIL 1360	CIVIL 1361	CIVIL 1362	CIVIL 1363	CIVIL 1364	CIVIL 1365	CIVIL 1366	CIVIL 1367	CIVIL 1368	CIVIL 1369	CIVIL 1370	CIVIL 1371	CIVIL 1372	CIVIL 1373	CIVIL 1374	CIVIL 1375	CIVIL 1376	CIVIL 1377	CIVIL 1378	CIVIL 1379	CIVIL 1380	CIVIL 1381	CIVIL 1382	CIVIL 1383	CIVIL 1384	CIVIL 1385	CIVIL 1386	CIVIL 1387	CIVIL 1388	CIVIL 1389	CIVIL 1390	CIVIL 1391	CIVIL 1392	CIVIL 1393	CIVIL 1394	CIVIL 1395	CIVIL 1396	CIVIL 1397	CIVIL 1398	CIVIL 1399	CIVIL 1400	CIVIL 1401	CIVIL 1402	CIVIL 1403	CIVIL 1404	CIVIL 1405	CIVIL 1406	CIVIL 1407	CIVIL 1408	CIVIL 1409	CIVIL 1410	CIVIL 1411	CIVIL 1412	CIVIL 1413	CIVIL 1414	CIVIL 1415	CIVIL 1416	CIVIL 1417	CIVIL 1418	CIVIL 1419	CIVIL 1420	CIVIL 1421	CIVIL 1422	CIVIL 1423	CIVIL 1424	CIVIL 1425	CIVIL 1426	CIVIL 1427	CIVIL 1428	CIVIL 1429	CIVIL 1430	CIVIL 1431	CIVIL 1432	CIVIL 1433	CIVIL 1434	CIVIL 1435	CIVIL 1436	CIVIL 1437	CIVIL 1438	CIVIL 1439	CIVIL 1440	CIVIL 1441	CIVIL 1442	CIVIL 1443	CIVIL 1444	CIVIL 1445	CIVIL 1446	CIVIL 1447	CIVIL 1448	CIVIL 1449	CIVIL 1450	CIVIL 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1906	CIVIL 1907	CIVIL 1908	CIVIL 1909	CIVIL 1910	CIVIL 1911	CIVIL 1912	CIVIL 1913	CIVIL 1914	CIVIL 1915	CIVIL 1916	CIVIL 1917	CIVIL 1918	CIVIL 1919	CIVIL 1920	CIVIL 1921	CIVIL 1922	CIVIL 1923	CIVIL 1924	CIVIL 1925	CIVIL 1926	CIVIL 1927	CIVIL 1928	CIVIL 1929	CIVIL 1930	CIVIL 1931	CIVIL 1932	CIVIL 1933	CIVIL 1934	CIVIL 1935	CIVIL 1936	CIVIL 1937	CIVIL 1938	CIVIL 1939	CIVIL 1940	CIVIL 1941	CIVIL 1942	CIVIL 1943	CIVIL 1944	CIVIL 1945	CIVIL 1946	CIVIL 1947	CIVIL 1948	CIVIL 1949	CIVIL 1950	CIVIL 1951	CIVIL 1952	CIVIL 1953	CIVIL 1954	CIVIL 1955	CIVIL 1956	CIVIL 1957	CIVIL 1958	CIVIL 1959	CIVIL 1960	CIVIL 1961	CIVIL 1962	CIVIL 1963	CIVIL 1964	CIVIL 1965	CIVIL 1966	CIVIL 1967	CIVIL 1968	CIVIL 1969	CIVIL 1970	CIVIL 1971	CIVIL 1972	CIVIL 1973	CIVIL 1974	CIVIL 1975	CIVIL 1976	CIVIL 1977	CIVIL 1978	CIVIL 1979	CIVIL 1980	CIVIL 1981	CIVIL 1982	CIVIL 1983	CIVIL 1984	CIVIL 1985	CIVIL 1986	CIVIL 1987	CIVIL 1988	CIVIL 1989	CIVIL 1990	CIVIL 1991	CIVIL 1992	CIVIL 1993	CIVIL 1994	CIVIL 1995	CIVIL 1996	CIVIL 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Basic Expenses

Client: City of West Jordan
7000 South Utility Design, Jordan River to Constitution Park (30% Design)
 Engineering Services Estimate
 Prepared: 12/18/14

PI Reproduction Costs				
Mileage	800	Each	\$0.00	\$0.00
Copies (8 1/2 X 11)	1200	Miles	\$0.56	\$448.00
Copies (11X17)	500	Each	\$0.10	\$120.00
	0	Each	\$1.50	\$750.00
TOTAL ESTIMATED EXPENSES				\$1,318.00

CITY OF WEST JORDAN

REQUEST FOR PROPOSALS Preliminary and Final Design Plans for

7000 South Utility Design from the Jordan River to Constitution Park

The City of West Jordan requests proposals from Professional Consulting Engineering Firms for preliminary design (30%) for a roadway utility replacement and expansion project on 7000 South from the Jordan River to Constitution Park (3200 West) to provide increased sewer, culinary water, and storm drain capacity for the City of West Jordan.

BACKGROUND

The 7000 South corridor has developed in several stages from the 1960 time frame to today. Several utilities along this corridor are in need of redevelopment, expansion, and rehabilitation to accommodate existing residents and future growth. Moreover, this street is expected to become a minor arterial street from its' existing major collector street status. There is a transportation study under way to identify potential right of way issues for that future street expansion. Also, a revision to the storm drain, culinary water, and transportation master plans are under way and a new Sewer Master Plan was adopted in 2013. New data and project information is expected from all of these plans that may affect design parameters for this project. Coordination with these plan revisions and City standards is an essential task of this project. The work required for this effort is to examine all utility master plan projects for this corridor, evaluate existing system age, capacity, condition, and future needs.

The system revisions need to prepare for ultimate 100 year storm flows, and take into account accumulated storm flows that discharge into the canals between 7800 South and 7000 South. These storm flows that discharge into each canal must be relieved by new canal discharge structures that tie to a new trunk line that will connect to the Jordan River. The permit process from each canal board will be essential, as well as Salt Lake County Flood Control and the State of Utah and Army Corps 404 permit for discharge to the Jordan River.

While the storm drain system expansion is the main driver of the project, there are water and sewer system age replacements required, and design needs based upon the future roadway project. For the sewer system, between 2700 West and Utah Lake Distributing canal, there are three existing sewer pipelines that may need to be combined into one. Near Redwood Road, there are two main trunk lines (15-inch and 12-inch) that balance all future development.

In regard to the water system, there are two pressure zones over the length of this project, zones 1 and 2. There are master planned water projects that will need to be considered with the storm drain project, particularly a zone boundary change and PRV station move, along with aged line

replacements. Other operational issues such as dual line concepts for a widened street corridor may be considered as well.

At the intersection of Redwood Road and 7000 South Street (east side), 7000 South is a Utah Department of Transportation controlled right of way (SR-48). UDOT permits will be essential along 7000 South from Redwood Road east to the Jordan River discharge point. West of Redwood Road, 7000 South is a City controlled right of way to the project terminus at Constitution Park (3200 West).

Property acquisition will be needed at the selected discharge point near the Jordan River. Permanent and temporary easement may also be required. It is expected that the City will assemble a design coordination group to help the consultant throughout this design effort.

PROJECT DESCRIPTION

30% Preliminary Design: The consultant shall provide surveying, right of way identification and legal descriptions, Phase 1 environmental clearances {UST, LUST, historic properties, and other general clearances, and include any wetlands delineation for potential detention pond locations near the Jordan River} (this is not a Federal Aid project), cross section development, utility identification (includes all West Jordan and third party utilities), horizontal and vertical alignments, preliminary utility design for reconstructed sewer and water systems, and new storm facilities, detention pond design (siting concerns, property location pros/cons, permitting issues), utility relocation coordination as required for the utility design, roadway drainage design utilizing any existing West Jordan storm pipelines and coordinate these pipes with any new storm drain facilities, and any other pertinent design items as required for a complete preliminary design.

Coordination: The consultant shall have the primary responsibility to coordinate meetings for the City staff and all outside agencies. Meetings should be set for a minimum of twice per month for the five months of the preliminary design. The consultant shall act as the record keeper for all meetings and provide the participants with meeting minutes for each meeting. The consultant shall also moderate the discussions and provide agendas for the meetings.

PROJECT OBJECTIVES

The preliminary design portion of the project consists of research, surveying, preliminary designs, coordination meetings, conflict resolution, public hearings, and cost estimating. The preliminary design plan selected shall include enough detail to move directly into a final engineering design.

The objective of this project will be to perform preliminary design for pipeline alignment selection (horizontal and vertical), detention pond site selection and sizing, permit submittals to various agencies, and coordination with any new master plan developments. A further objective

of the project is to complete the preliminary design effort by May 2015 in order that full design can be under way by June 2015.

SCOPE OF WORK

Preliminary Design (30%)

- Examine all master planned projects for this corridor as related to the required utility designs for water, sewer and storm drain projects. Consider the future transportation corridor with regard to horizontal placement of the utilities with future roadway width. Determine best placement for future maintenance of each utility.
- Phase I Environmental for portions of the corridor affected by the utility project. Include UST, LUST investigation, historic properties, wetland delineation on detention pond affected properties.
- Consider a constructed wetlands design in conjunction with the detention pond design if site selected is deemed appropriate by the City.
- Storm Drain Detention pond design for the Jordan River location and Constitution Park. Include any needed ROW / legal descriptions required for property acquisitions, including the preparation of maps, legal descriptions, deeds, permanent easements, temporary construction easements, surveys, etc.
- Coordinate design effort with Salt Lake County Flood Control, UDOT, and Army Corps of Engineers for permitting.
- Preliminary plan and profile layout for gravity pipe systems (sewer and storm drain) and for culinary water transmission piping (14 inch and above). Horizontal layout for only culinary water distribution piping (12 inch and below).
- Utility relocation identification for all utilities, both public and private. Consider and remove potential interference of irrigation water and pipelines to storm water collection system capacity and operations. Design should accommodate parallel systems for irrigation water, if necessary.
- Coordinate meetings with City staff and all required outside agencies and utility companies.
- Consider elimination of multiple sewer lines, (3 into 1 line), between 2700 West and the Utah Lake Distributing Canal. Consider future usage of the currently existing 2 main sewer trunk lines (12 and 15 inch) with regard to the future 24 inch sewer trunk line.
- Canal coordination including discussion of storm water contributions from City connections into each canal, and the removal of such contributions by continuous overflow structures into the new main trunk storm water pipeline. Obtain any agreements and /or permits as required by individual canal boards and Salt Lake County Flood Control.
- Right of way identification for any easements, and or permanent property acquisitions, including the preparation of surveys, right of way maps, legal descriptions, deeds, permanent easements, temporary construction easements, etc.
- Permitting for all aspects of the project, with preliminary submission of all permits to appropriate agencies with the 30% design. Focus should be given to UDOT permit for traffic

control during construction (constructability review). Additional focus shall be given to any discharge permit requirement to the Jordan River under the Clean Water Act and West Jordan's current discharge permit.

- Traffic control discussions with UDOT Region 2 permits for the segment from the Jordan River to Redwood Road.
- Provide a preliminary construction cost estimate for the 30% preliminary design.
- One public hearing and at least 2 open houses for the identification of impacts to the public.

A minimum of 5 monthly meetings with the Design Team are expected for the five months required to finalize design concept options, evaluate progress and manage related concerns and issues. The Consultant will provide five printed copies of a completed technical feasibility memorandum presenting and describing the design option selected and reasoning and constraints behind the selected option. A preliminary cost estimate shall be provided in the technical feasibility memorandum.

SCHEDULE

The preliminary design for the project shall be completed by May 31, 2015. The City of West Jordan will fund the design.

APPROVALS

The project preliminary design will require the approval of the City of West Jordan Engineering Department, and the Utah Department of Transportation – Region 2 permits.

Other approvals may include other affected utility companies or parties.

PROPOSAL FORMAT

The proposals should contain the following information in the general order listed, and should not exceed ten (10) pages in length:

1. Introductory letter (does not count toward 10 page total).
2. A description of the project team and the qualifications of the firm to complete this project.
3. Identify the availability of the project personnel by showing the percent of time the team members have to work on this project. Identify key personnel critical to the project's completion.
4. A detailed scope of work prepared by the consultant including a summary of the deliverables to be provided to the City.
5. A proposed schedule to complete the scope of work.
6. A summary spreadsheet, to be included in the proposal separately from the sealed fee

proposal, of the amount of time in hours estimated to be spent on each task identified in the scope of work and the classification of personnel to be used. The spreadsheet shall show the hours to be spent on each task and the classification of personnel to be assigned to do each task. Identify any special services to be provided by resources outside of the firm.

7. Information about other work performed by the consultant on projects similar to this project and at least three references from other clients with whom the consultant has performed similar services.
8. In *a separate sealed envelope*, provide a single copy of the proposed project fee to complete the project with subtotals by task as identified in the scope of work. Also, include the hourly rates charged for individuals identified on the project team and a summary of all the additional reimbursable expenses considered necessary to complete the study.
9. A City conflict of interest form must be filled out and returned with the proposal (does not count toward the ten page total).
10. Include an example of a concept report or study from a similar roadway project completed by the consultant. (These drawings may be included in an appendix and will not count toward the 8 page total).

ENGINEERING CONSULTANT QUALIFICATION

Engineering consultants that will be given consideration must meet the following conditions:

1. Submit a complete proposal including all items requested.
2. Demonstrate experience with design and construction management of complex (multiple agency coordination was required) roadway design project.
3. Show innovative design(s) used for a past utility project that demonstrated early delivery options, costs savings to the owner, and / or minimal traffic disruption during construction.
4. Demonstrate experience with UDOT design process for roadway expansion projects that included utility relocations, property acquisitions, aggressive schedules and public input.
5. Show experience working with UDOT to obtain approvals and permits. Consultant to identify other projects that involved permitting and construction in UDOT rights-of-way.
6. Show experience of traffic simulation modeling and local and regional transportation master planning.

SUBMITTAL REQUIREMENT

Four (4) copies of the technical proposal and one copy of the sealed fee proposal shall be submitted to the City by **4:00 p.m. on Thursday, December 18, 2014.**

Submittal shall be made to the City of West Jordan Records Office, Attention: David Murphy,

P.E., Engineering Manager for Capital Improvement Projects, 8000 South Redwood Road, West Jordan, UT 84088.

Questions pertaining to this request for proposals should be directed to David Murphy at (801) 569-5074, or on e-mail at davidm@wjordan.com. A selection committee appointed by City Administration shall review the submittal material.

SELECTION OF CONSULTANT

The successful consultant will be selected in accordance with the City procurement policy. Selection criteria to be used by the selection team include the following:

1. Appropriate level of training, experience, and expertise of key project personnel.
2. Ability to perform the work with respect to availability of key personnel, present workload, and available equipment, resources, and facilities.
3. Quality and completeness of the detailed, written work plan.
4. Past performance on similar projects for other agencies and for the City in particular.
5. Project schedule.
6. Local office, local firm presence and availability of project personnel for meeting and communicating with City personnel.
7. Previous work that reflects special expertise or groundwork available for the proposed project.
8. The professional fee proposal.
9. The quality of example drawings from previous projects.

The evaluation process will be based solely on these factors. No other factors or criteria will be used in the evaluation. The evaluation process will include a numeric-scoring sheet as follows:

1.	Experience, qualifications, availability, location.	15 %
2.	Demonstrated understanding of the project.	20 %
3.	Scope of work and schedule to deliver the desired end product.	20 %
4.	Related project experience and samples.	15 %
5.	Cost proposal.	<u>30 %</u>
		100 %

REJECTION OF PROPOSALS

The City reserves the right to reject any or all proposals received, and to select the proposal deemed to be the most advantageous and in the best interest of the City. Non-acceptance of a proposal will mean that one or more others were deemed more advantageous to the City or that all proposals were rejected. Applicants, whose proposals are not accepted, will be notified after a binding contractual agreement between the City and the selected applicant is executed, or when the City rejects all proposals.

PROPOSAL VALIDITY TIME

Proposals containing less than 30 days acceptance time will not be considered.

PROPRIETARY INFORMATION

The Government Records Access and Management Act (GRAMA)

Utah Code Ann., Subsection 63G-2-305,

GRAMA provides that trade secrets, commercial information or non-individual financial information may be protected by submitting a Claim of Business Confidentiality.

To protect information under a Claim of Business Confidentiality, the bidder must:

1. Provide a written Claim of Business Confidentiality at the time the information (proposal) is provided to West Jordan, and
2. Include a concise statement of reasons supporting the claim of business confidentiality (Subsection 63G-2-309(1)).
3. Submit an electronic "redacted" (excluding protected information) copy of your proposal response. Copy must clearly be marked "Redacted Version."

A Claim of Business Confidentiality may be appropriate for information such as client lists and non-public financial statements. Pricing and service elements may not be protected. An entire proposal may not be protected under a Claim of Business Confidentiality. The claim of business confidentiality must be submitted with your proposal on the form which may be accessed at: <http://www.purchasing.utah.gov/contract/documents/confidentialityclaimform.doc>

To ensure the information is protected, the bidder must clearly identify in the Executive Summary and in the body of the proposal any specific information for which a bidder claims business confidentiality protection as "PROTECTED".

All materials submitted become the property of West Jordan, Utah. Materials may be evaluated by anyone designated by West Jordan as part of the proposal evaluation committee. Informative Materials submitted may be returned only at West Jordan's option.

INCURRING COSTS

West Jordan City will not be liable for any cost that applicants may incur in the preparation of their proposals. Proposals should be concise, straightforward, and prepared simply and economically. Expensive displays, bindings, or promotional materials are neither desired nor required.